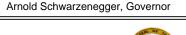
### **DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection

Bay Area Branch 690 Walnut Ave.St. 150 Vallejo, CA 94592-1133 (707) 649-5453 (707) 649-5493



Contract #: 04-0120F4

Cty: SF/ALA Rte: 80 PM: 13.2/13.9

File #: 69.28

# WELDING INSPECTION REPORT

Resident Engineer: Pursell, Gary **Report No:** WIR-013511 Address: 333 Burma Road **Date Inspected:** 01-May-2010

City: Oakland, CA 94607

**OSM Arrival Time:** 700 **Project Name:** SAS Superstructure **OSM Departure Time:** 1900 **Prime Contractor:** American Bridge/Fluor Enterprises, a JV

Contractor: Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

**CWI Name:** Xu Tao **CWI Present:** Yes No **Inspected CWI report:** Yes N/A **Rod Oven in Use:** Yes No No N/A N/A N/A **Electrode to specification:** Yes No Weld Procedures Followed: Yes No N/A N/A **Qualified Welders:** Yes No **Verified Joint Fit-up:** Yes No N/A Yes No N/A **Approved Drawings:** Yes No **Approved WPS: Delayed / Cancelled:** Yes No N/A

34-0006 **Bridge No: Component: OBG** Components

## **Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, Hiranch Patel, was present during the times noted above for observations relative to the work being performed.

Bay#19, Bike Path Summary

BK005A-001- Removing of parts was completed. No heat straightening and NDT was performed after removing of the parts.

BK006A-001/002- Removing of parts was completed. No heat straightening and NDT was performed after removing of the parts.

BK004A-005/002- Removing of parts was completed. Heat straightening and NDT was performed after removing of the parts.

BK004A-001- Removing of parts was completed. Heat straightening Completed, no NDT was performed by CT after removing of the parts.

BK004A-007/003- Removing of parts was completed. Heat straightening Completed, no NDT was performed after removing of the parts.

BK004A-004- Removing of parts was completed. Heat straightening Completed, NDT was completed by CT after

# WELDING INSPECTION REPORT

(Continued Page 2 of 2)

removing of the parts. Fit up (tack weld) of bearing plate completed without installing anchor house assembly.

### Bay#19

FCAW welding of weld joint SB007-048-043, 049 located on SB048. Welder is identified as 062749 (2G). ZPMC QC is identified as Xu Tao. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-T-2232-Tc-U4b-F.

FCAW welding of weld joint SB008-048-019, 020 located on SB048. Welder is identified as 062757 (2F). ZPMC QC is identified as Xu Tao. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-T-2132.

FCAW welding of weld joint USPL1-638-001, 002 located on USPL1-638. Welder is identified as 062788 (1G). ZPMC QC is identified as Xu Tao. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-T-2231-Tc-U4b-F.

FCAW welding of weld joint USPL1-639-001, 002 located on USPL1-639. Welder is identified as 062788 (1G). ZPMC QC is identified as Xu Tao. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-T-2231-Tc-U4b-F.

FCAW welding of weld joint USPL1-646-001, 002 located on USPL1-646. Welder is identified as 062752 (1G). ZPMC QC is identified as Xu Tao. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-T-2231-Tc-U4b-F.

FCAW welding of weld joint USPL1-647-001, 002 located on USPL1-647. Welder is identified as 062752 (1G). ZPMC QC is identified as Xu Tao. The welding variables recorded by QC appeared to comply with the Applicable WPS-B-T-2231-Tc-U4b-F.

Unless otherwise noted, all observed on this date appeared to generally comply with applicable contract documents.

### **Summary of Conversations:**

No relevant conversations.

#### Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang 150-0042-2372, who represents the Office of Structural Materials for your project.

Inspected By:	Patel, Hiranch	Quality Assurance Inspector
Reviewed By:	McClendon, Timothy	QA Reviewer